Recommended evaluation and long-term follow up for infants with possible congenital Zika virus infection

**Evaluation for all infants with positive or inconclusive Zika virus test results**
- Thorough physical examination, including careful measurement of head circumference, length, weight, and assessment of gestational age
- Evaluation for neurologic abnormalities, dysmorphic features, enlarged liver or spleen, and rash/other skin lesions (including photographs of any rash, skin lesions, or dysmorphic features)
- Cranial ultrasound (unless performed in the third trimester and clearly showed no brain abnormalities)
- Ophthalmologic evaluation (including retina) before hospital discharge or within 1 month after birth
- Evaluation of hearing by evoked otoacoustic emissions testing or auditory brainstem response testing before hospital discharge or within 1 month after birth
- Consultation with appropriate specialist for any abnormal findings

**Additional evaluation for infants with positive or inconclusive Zika virus test results who have microcephaly or other findings consistent with congenital Zika virus infection**
- Consultation with clinical geneticist or dysmorphologist
- Consultation with pediatric neurologist
- Testing for other congenital infections (such as cytomegalovirus, toxoplasmosis, and rubella); consider consultation with pediatric infectious disease specialist
- Complete blood count, platelet count, and liver function and enzyme tests
- Genetic or other teratogenic causes should be considered if additional anomalies are identified through history, clinical examination, or imaging studies

**Long-term follow-up for infants with positive or inconclusive Zika virus test results**
- Additional hearing screen at 6 months of age and audiology follow up of abnormal newborn hearing screening
- Continued evaluation of developmental characteristics and milestones, as well as head circumference, through first year of life
- Consultation with appropriate medical specialists (e.g., pediatric neurology, developmental and behavioral pediatrics, physical and speech therapy) if any abnormalities are noted and as concerns arise

* Refers to infants with positive or inconclusive Zika virus test results
† Informed consent may be required per institutional policy